Spiral Heat Exchangers

Efficient, compact and reliable heat-transfer solutions for demanding industrial applications.

Kinetic Engineering Corporation

- Continuous spiral flow channels support effective heat transfer.
- Compact construction can provide high surface area in a smaller footprint.
- Suitable options are available for difficult fluids and challenging process duties.
- Counter-current flow can support strong thermal performance.

Explore industrial heat-transfer solutions tailored to your process.

Overview & Importance

Why spiral heat exchangers play an important role in modern process operations

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- Spiral heat exchangers are designed with coiled plates that create continuous flow channels.
- Their compact arrangement provides substantial heat-transfer area within a relatively small footprint.
- The design can be considered for process heating, cooling, heat recovery and selected fouling services.
- Proper equipment selection can support energy efficiency, dependable operation and long-term process performance.

Efficient heat recovery starts with the right exchanger design.

Key Benefits & Features

Performance-focused advantages for demanding industrial environments

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- High heat-transfer potential through continuous curved flow paths.
- Compact footprint for applications where space is limited.
- Counter-current flow supports efficient temperature approaches.
- Selected configurations can be beneficial for viscous and fouling process streams.
- Materials and construction can be matched to process and operating requirements.

Built to support efficiency, uptime and maintainability.

Solutions & Application Process

A practical approach from process challenge to equipment selection

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1. Review the fluid properties, temperatures, flow rates and operating conditions.
2. Evaluate heat duty and thermal performance requirements.
3. Select a suitable exchanger configuration and materials of construction.
4. Consider installation, maintenance and long-term process needs.
5. Coordinate with technical specialists to identify the right heat-transfer solution.

From process data to a practical heat-transfer solution.

Why Choose Kinetic Engineering Corporation

Application knowledge and a broad portfolio of industrial heat-transfer equipment

Kinetic Engineering Corporation

- Experienced support for industrial heat transfer and process equipment requirements.
- Spiral heat exchangers are part of a wider range of exchanger and thermal equipment solutions.
- Application-focused assistance helps customers review thermal and mechanical requirements.
- Industrial equipment options for demanding processes and operating environments.
- Responsive technical support focused on practical equipment selection.

Choose knowledgeable support for demanding heat-transfer applications.

Let’s Discuss Your Spiral Heat Exchanger Requirements

Connect with Kinetic Engineering Corporation for technical support and equipment solutions

- Website: www.kineticengineering.com
- Phone: (713) 686-2200
- Email: sales@kineticengineering.com
- Address: 16810 Barker Springs, #216, Houston, TX 77084
- Share your application details, process conditions and heat-transfer requirements with our team.

CONTACT US TODAY TO DISCUSS YOUR SPIRAL HEAT EXCHANGER REQUIREMENTS.